



Superfund Sediment Resource Center



What is the Superfund Sediment Resource Center?

The Superfund Sediment Resource Center (SSRC) is designed to assist EPA staff with site-specific technical issues related to the cleanup of contaminated sediment sites.

Areas of focus for the SSRC include:

- ◆ Site characterization (data collection and evaluation)
- ◆ Sampling design and statistical analysis
- ◆ Geomorphology and sediment transport/stability evaluations
- ◆ Modeling (hydrodynamic, fate and transport, food chain)
- ◆ Remedy evaluation, design, and implementation (dredging and excavation, capping, monitored natural recovery, treatment technologies, confined disposal facilities, upland disposal and reuse, and innovative technologies)
- ◆ Monitoring plan design and implementation

Additional information on the SSRC and contaminated sediment sites under Superfund can be found at:

<http://www.epa.gov/superfund/health/conmedia/sediment/index.htm>

What types of assistance are available from SSRC?

- ◆ Reviewing documents and deliverables such as work plans

- ◆ Providing general input on the results of engineering studies, modeling work, statistical/sampling designs, and bioaccumulation studies

To Access the SSRC Contact:

Linda Fiedler

703-603-7194, fiedler.linda@epa.gov

or

Steve Ells

703-603-8822, ells.steve@epa.gov

What expertise is accessible through SSRC?

Established by EPA's Office of Superfund Remediation and Technology Innovation, the SSRC works with existing EPA programs, federal agencies, and other organizations to make available experts within and outside the federal government. Exhibit 1 illustrates the types of resources available for contaminated sediments.

Who has access to SSRC?

At this time, site-specific requests will only be accepted from federal project managers working on Superfund sites. As resources and time permit, the SSRC will also provide support to other federal cleanup programs. State project managers should work with their EPA regional counterparts to determine if assistance is available through the Center.

Exhibit 1



Resources for Contaminated Sediment Sites

EPA's Office of Research and Development
www.epa.gov/ord/

- Engineering Technical Support Center (TSC) – *NRMRL*
- Ecological Risk Assessment TSC – *NCEA*
- Monitoring and Site Characterization TSC – *NERL*
- Superfund Health Risk TSC – *NCEA*
- National Health and Environmental Effects Research Laboratory
- Center for Exposure Assessment Modeling (CEAM)

EPA's Office of Superfund Remediation and Technology Innovation
<http://www.epa.gov/tio/>

Sediment experts available to EPA staff*

Superfund Sediment Resource Center
<http://www.epa.gov/superfund/health/conmedia/sediment/ssrc.htm>

**Interested state project managers should contact their EPA regional counterparts to request assistance*

U.S. Army Corps of Engineers Engineer Research and Development Center
www.erdc.usace.army.mil/

- Center for Contaminated Sediments
- Dredging Operations and Environmental Research (DOER) Program
- Dredging Operations Technical Support (DOTS) Program

To Access the Center:

Email: fiedler.linda@epa.gov
Phone: (703) 603-7194
or
Email: ells.steve@epa.gov
Phone: (703) 603-8822

Additional Resources

- Hazardous Substance Research Center (HSRC)/South&Southwest
- National Oceanic and Atmospheric Administration (NOAA)
- Consultants
- Academia

For what sites has SSRC assistance been provided?

- ◆ Patrick Bayou Superfund Site, Deer Park, TX
- ◆ GE/Housatonic River, Pittsfield, MA
- ◆ Pine Street Canal, Burlington, VT
- ◆ Onondaga Lake, Syracuse, NY
- ◆ Atlantic Wood Industries, Inc., Portsmouth, VA
- ◆ Metal Bank, Philadelphia, PA
- ◆ Ciba-Geigy Corporation, McIntosh, AL
- ◆ Olin Corporation (Macintosh Plant), Macintosh, AL
- ◆ Weyerhaeuser Company Wood Treating Plant, Plymouth, NC
- ◆ Ashland/Northern States Power Company Lakefront, Ashland, WI
- ◆ Indiana Harbor Canal (Lake George Branch), East Chicago, IN
- ◆ Koppers Company (Beazer East, Inc.), Carbondale, IL
- ◆ Six Former Manufactured Gas Plants, Various locations, WI
- ◆ Lower Fox River, Green Bay, WI
- ◆ Harbor Island, Seattle, WA
- ◆ Lower Duwamish Waterway, Seattle, WA
- ◆ Slip 4 – Lower Duwamish Waterway, Seattle, WA
- ◆ Quendall Terminals Superfund Site (Lake Washington), Renton, WA